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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Mahanthappa et al.

Serial No: 09/418,221

Filed: October 14, 1999

For: Neuroprotective Methods and  
Reagents



Attorney Docket No. CIBT-P02-043

Art Unit: 1646

Examiner: M. Brannock

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231 on the date indicated below:

January 14, 2002

Date of Signature  
and of Mail Deposit

*Karen DiRocco*  
Karen DiRocco

Assistant Commissioner of Patents  
Washington, D.C. 20231

**REPLY UNDER 37 CFR 1.116**

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed August 14, 2001, in connection with the above application. Please enter the following amendments:

**In the specification:**

On page 4, please replace the paragraph from lines 10-14 with:

One aspect of the present application relates to a method for limiting damage to neuronal cells by ischemic or hypoxic conditions, e.g., such as may be manifest by a reduction in brain infarct volume, by administering to an individual a *hedgehog* therapeutic or *ptc* therapeutic in an amount effective for reducing cerebral infarct volume relative to the absence of administration of the *hedgehog* therapeutic or *ptc* therapeutic.

On page 12, please replace the partial paragraph at the bottom of the page with:

OK TO ENTER  
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